

PUB-NO: DE003420794A1

DOCUMENT-IDENTIFIER: DE 3420794 A1

TITLE: Device for investigating liquid properties

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INVENTOR-INFORMATION:

NAME	COUNTRY
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ASSIGNEE-INFORMATION:

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INT-CL (IPC): G01N029/00, G01H005/00

EUR-CL (EPC): G01N029/024

ABSTRACT:

CHG DATE=19990617 STATUS=O> In a device for investigating liquid properties by determining the propagation velocity of sound, a measuring cell is provided which has a sound path accommodating the preparation. This sound path is arranged between an electroacoustic transducer and an acoustoelectric

transducer. In order to be able to determine the liquid properties simply and accurately in the case of small samples, the transducers are connected to an excitation and detecting circuit which is connected to an electronic control unit.

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FILE 'CAPLUS' ENTERED AT 14:10:22 ON 01 DEC 2006

L1 327 (POLYMER? (S) (ULTRASOUND? OR ULTRASONIC? OR ACOUSTIC?)
AND (FTIR OR INFRARED OR NIR OR NDIR OR RAMAN OR "UV-VIS"))
L2 105 (POLYMER? (S) (ULTRASOUND? OR ULTRASONIC? OR ACOUSTIC?)
(S) (FTIR OR INFRARED OR NIR OR NDIR OR RAMAN OR "UV-VIS"))
L3 0 L2 AND STABILIZER
L4 6 L1 AND STABILIZER
L5 322 ((CONCENTRATION OR AMOUNT) (6A) POLYMER?) (S) STABILIZER?
L6 2 L5 AND ADJUST?
L7 2 ((CONCENTRATION OR AMOUNT) (6A) DISSOLVED (2A) POLYMER?)
(S) STABILIZER?
L8 8 L1 AND (PROCESS (3A) CONTROL?)
L9 44 METHACRYLIC (S) (DEPOSIT? (4A) POLYMER?)
L10 0 (METHACRYLIC (S) DEPOSIT? (S) POLYMER?) AND (ULTRASOUND?
OR ULTRASONIC? OR ACOUSTIC)
L11 228 (DEPOSIT? (S) POLYMER?) AND (ULTRASOUND? OR ULTRASONIC?
OR ACOUSTIC)
L12 78 (DEPOSIT? (S) POLYMER?) (S) (ULTRASOUND? OR ULTRASONIC? OR
ACOUSTIC)
L13 15 ((MONITOR? OR CONTROL? OR DETECT? OR DETERMIN?) (S)
(DEPOSIT? (S) POLYMER?)) AND (ULTRASOUND? OR ULTRASONIC? OR
ACOUSTIC)
L14 237 (CONCENTRAT? OR AMOUNT?) (5A) DISSOLV? (2A) POLYMER?
L15 7 L14 AND (ULTRASOUND? OR ULTRASONIC? OR ACOUSTIC? OR FTIR)
L16 132 ((CONCENTRAT? OR AMOUNT?) (5A) POLYMER?) (S)
(ULTRASOUND? OR ULTRASONIC? OR ACOUSTIC?)
L17 15 L16 AND DILUT?
L18 4339 METHACRYLATE (S) STABILIZ?
L19 6 (METHACRYLATE (8A) STABILIZ?) (S) (ULTRASOUND? OR
ULTRASONIC? OR ACOUSTIC)
L20 7 (CONCENTRAT? OR AMOUNT) (S) (DISSOLV? (4A) POLYMER?) (S)
(ULTRASOUND? OR ACOUSTIC? OR ULTRASONIC OR RAMAN OR FTIR OR "UV-
VIS")
L21 3 (CONCENTRAT? OR AMOUNT) (S) (DILUT? (6A) POLYMER?) (S)
(ULTRASOUND? OR ACOUSTIC? OR ULTRASONIC OR RAMAN OR FTIR OR "UV-
VIS")
L22 10 (CONCENTRAT? OR AMOUNT) (S) (DISSOLV? (6A) POLYMER?) (S)
(ULTRASOUND? OR ACOUSTIC? OR ULTRASONIC OR RAMAN OR FTIR OR "UV-
VIS")